

# Converting Colors

Hex(8776A8)

Have a look what the booklet for  
Hex(8776A8) contains.

<b>Hex(8776A8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8776A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8776A8
RGB	135, 118, 168
RGB Percent	53%, 46%, 66%
CMY	0.4706, 0.5373, 0.3412
CMYK	0.20, 0.30, 0.00, 0.34
HSL	260°, 22%, 56%
HSV	260°, 30%, 66%
XYZ	23.5380, 20.9349, 39.8460
YIQ	128.7830, -5.9180, 19.1540

# Conversions

## Conversions Part 2

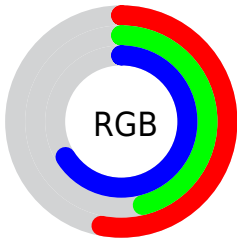
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 118, 168
Decimal	8877736
CIE <sub>Lab</sub>	52.88, 17.10, -24.30
CIE <sub>LCh</sub>	53, 29.714, 305.134
Yxy	20.9349, 0.2792, 0.2483
Android (android.graphics.Color)	4287067816 (0xFF8776A8)
YUV	128.7830, 19.3340, 5.4523
Hunter-Lab	45.7547, 11.7566, -19.6052

# Details

The Hex color **8776A8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97A876**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BDAADF**, and **544674** is the 20% darker color. If you saturate the color by 10%, you get **7C65A8**, and if you desaturate by 10%, it is **9287A8**.

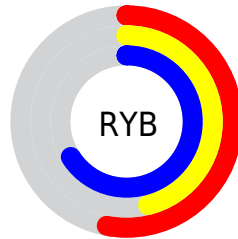
# Distribution



Red (53%)

Green (46%)

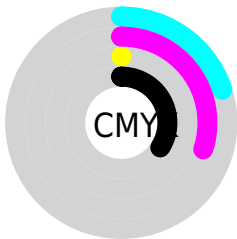
Blue (66%)



Red (53%)

Yellow (46%)

Blue (66%)

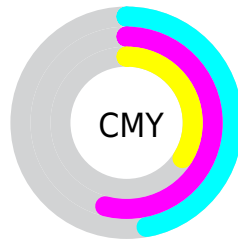


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (34%)



Cyan (47%)

Magenta (54%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8776A8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8776A8 by changing the saturation by 10% instead.





8776A8



8776A8

FFFFFF



6D5D8D



BDAADF



544674



D9C6FC



3C2F5B



F6E2FF



251A43

FFFEFF



12002D



000118



000000



8776A8



8776A8



7C65A8



9287A8

7154A8

9D98A8

6644A8

A8A8A8

5B33A8

B3B9A8

5022A8

BECAA8

4411A8

CADBA8

3900A8

D5ECA8

E0FCA8

EBFFA8

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



617FB1



8776A8



A26E94

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8776A8



A17550



2E8C82

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8776A8



97A876

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



518A68



8776A8



8B7E4B

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8776A8



AE6E62



708554



148B9B

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8776A8



AC6B83



708554



3A8C79



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8776A8



CEC8DB



7697A8



66626E



EDEDED



6E6E6E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8776A8



A78CDB



A076A8



4F4C54



320094



070014



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A87697



DB8CC0



7EA876



544C51



940062



14000D



# Previews

## White Background



This preview shows how the Hex color 8776A8 looks on a white background.

## Color Contrast Check

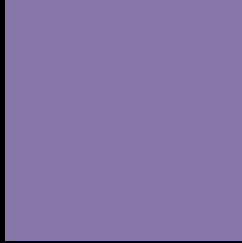
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8776A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

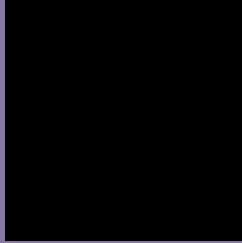
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8776A8 Background



This preview shows how black text looks on a background with the Hex color 8776A8.

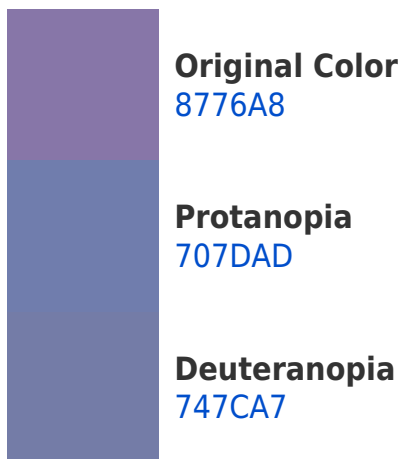



This preview shows how white text looks on a background with the Hex color 8776A8.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

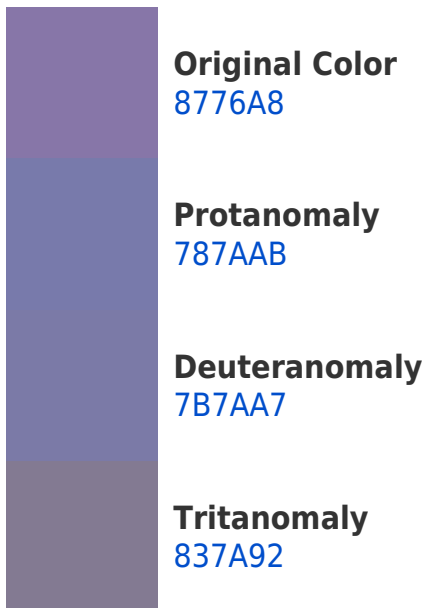
## Dichromacy



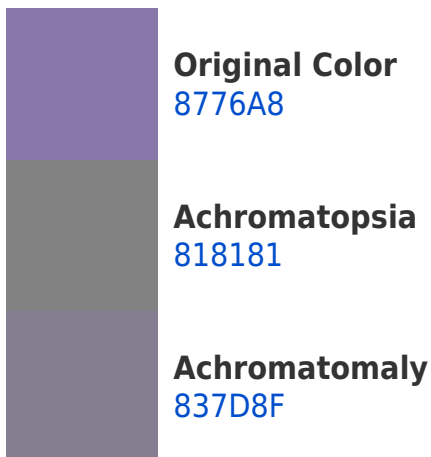


**Tritanopia**  
817C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8776A8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8776A8 looks like.

```
.text, #text, p{  
    color:#8776A8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8776A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8776A8
}
```

## Border

The CSS property to change the border of an element to Hex 8776A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

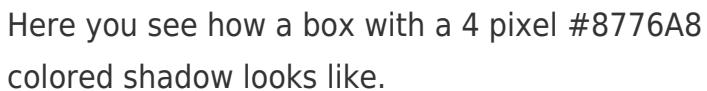
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8776A8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8776A8 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #8776A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8776A8; -webkit-box-shadow:4px 4px  
4px 4px #8776A8; box-shadow:4px 4px 4px  
4px #8776A8 }
```

# Background

The CSS property to change the background color of an element to Hex 8776A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8776A8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8776A8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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